Amendments to the Specification

Please replace the paragraph at page 6, line 25 through page 7, line 5 with the following amended paragraph:

The communication system 10 also includes a second group of users 210. This second group of users 210 are typically users who require high speed wireless data services. Their system components include a number of remotely located Personal Computer (PC) devices 212-1, 212-2, ... 212-h, ... 212-l, corresponding remote Subscriber Access Units (SAUs) 214-1, 214-2, ... 214-h, ... 214-l, and associated antennas 216-1, 216-2, ... 216-h, ... 216-l. Centrally located equipment includes a base station antenna 218, and a Base Station Processor (BSP) 220. The BSP 220 provides connections to an from an Internet gateway 222, which in turn provides access to a data network such as the Internet 224, and network file server 230 ~~connected to the network 222~~, and to wireless interworking function (WIF) 223.

Please replace the paragraph at page 8, lines 16 through 25 with the following amended paragraph:

From the perspective of the second group of users 210, the reverse link 50 actually consists of a number of different types of logical and/or physical radio channels including an access channel ~~251~~ 51, multiple traffic channels ~~252-1~~ 52-1, ... ~~252-t~~ 52-t, and a maintenance channel 53. The reverse link access channel ~~251~~ 51 is used by the SAUs ~~240~~ 214 to send messages to the BSP 220 to request that traffic channels be granted to them. The assigned traffic channels ~~252~~ 52 then carry payload data from the SAU 214 to the BSP 220. It should be understood that a given IP layer connection may actually have more than one traffic channel ~~252~~ 52 assigned to it. In addition, a maintenance channel ~~253~~ 53 may carry information such as synchronization and power control messages to further support transmission of information over the reverse link 50.

Please replace the paragraph at page 8, line 26 through page 9, line 6 with the following amended paragraph:

Similarly, the second group of users have a forward link 40 that includes a paging channel 241, multiple traffic channels 242-1 ... 242-t, and maintenance channel 243. The paging channel 241 is used by the BSP 220 to not only inform the SAU 214 that forward link traffic channels ~~252~~ 242 have been allocated to it, but also to inform the SAU 214 of allocated traffic channels ~~252~~ 52 in the reverse link direction. Traffic channels 242-1 ... 242-t on the forward link 40 are then used to carry payload data information from the BSP 220 to the SAUs 214. Additionally, maintenance channels 243 carry synchronization and power control information on the forward link 40 from the base station processor 220 to the SAUs 214. It should be understood that there are typically many more traffic channels 241 than paging channels 241 or maintenance channels 243.

Please replace the paragraph at page 9, lines 7 through 12 with the following amended paragraph:

In the preferred embodiment, the logical forward link channels 241, 242, and 243 and reverse link channels ~~251~~ 51, ~~252~~ 52, and ~~253~~ 53 are defined by assigning each channel a pseudorandom noise (PN) channel code. The system 10 is therefore a so-called Code Division Multiple Access (CDMA) system in which multiple coded channels may use the same radio frequency (RF) channel. The logical or ~~codes~~ code channels may also be further divided or assigned among multiple active SAUs 214.